

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1393	(conduct\$4 or electrode) and (feedthrough or throughhole or Via) and base and connect\$3 and electromagnet\$3 and waveguide and frequenc\$3 and ground and signal and (microelectronic or microelectromechanical or electronic)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/26 13:55
S2	758	(high adj frequency) and S1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/26 10:10
S3	358	sensor and S2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/26 10:06
S4	196	S3 and @ad < "20020702"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/26 10:09
S5	412	S2 and @ad < "20020702"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/26 13:25
S6	152	"4348253" or "5618752" or "5913134" or "6207903" or "6225651" or "6365513"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/26 10:08
S7	100	S6 and @ad < "20020702"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/26 10:22
S8	10	electromagnetic and S7	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/26 10:45
S9	13	(high adj frequency) and S7	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/26 10:44

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## EAST Search History

S10	266601	"257"/("728,725,704,698,684"). ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/26 13:55
S11	391	(conduct\$4 or electrode) and (feedthrough or throughhole or Via) and base and connect\$3 and electromagnet\$3 and waveguide and frequenc\$3 and S10	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/26 13:24
S12	260	S11 and @ad < "20020702"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/26 13:56
S13	266601	"257"/("728").ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/26 13:55
S14	1230	257/728	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/26 13:55
S15	115	(conduct\$4 or electrode) and (feedthrough or throughhole or Via) and base and connect\$3 and electromagnet\$3 and S14	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/26 14:13
S16	72	S15 and @ad < "20020702"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/26 16:03
S17	249	(conduct\$4 or electrode) and (feedthrough or throughhole or Via) and connect\$3 and electromagnet\$3 and S14	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/26 14:13
S19	158	S17 and @ad < "20020702"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/26 14:13

## EAST Search History

S20	52	("3968564"   "4734384"   "4744623"   "4920070"   "4970578"   "5128831"   "5221633"   "5312765"   "5352998"   "5362976"   "5409563"   "5416872"   "5489554"   "5532506"   "5587119"   "5604835"   "5618752"   "5641545"   "5656548"   "5682062"   "5729038"   "5739067"   "5742100"   "5760478"   "5767001"   "5796714"   "5798297"   "5834849"   "5844289"   "5858814"   "5858877"   "5897333"   "5900674"   "5901050"   "5902118"   "5903045"   "5915167"   "5952665"   "5963088"   "6090636"   "6122187"   "6143616"   "6150188"   "6181864"   "6187677"   "6198168"   "6281042").PN. OR ("6709978"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/26 16:01
S21	0	waveguide and (high adj frequency) and S20	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/26 16:02
S22	758	waveguide and (high adj frequency) and S1	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/26 16:03
S23	6	waveguide and (high adj frequency) and S6	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/26 16:03
S25	2	S23 and @ad < "20020702"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/27 09:20
S26	55	((ground) adj (lead or conduct\$3 or electrode)) and ((signal) adj (lead or conduct\$3 or electrode)) and S2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/26 16:31
S27	16	S26 and @ad < "20020702"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/26 16:21

## EAST Search History

S28	0	((ground adj signal adj groung) adj (lead or conduct\$3 or electrode))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/26 16:32
S29	8	((ground adj signal adj ground) adj (lead or conduct\$3 or electrode))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/27 09:19
S30	10	S8 and @ad < "20020702"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/26 16:32
S32	7	S29 and @ad < "20020702"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/26 16:33
S33	120	(ground adj signal adj ground) and (waveguide)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/27 09:19
S34	45	S33 and @ad < "20020702"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/27 14:06
S35	26	(high adj frequency) and S34	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/27 09:21
S36	6	"6207903"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/27 14:06
S37	3	offset and S35	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/27 14:27
S38	1	"10520218"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/27 15:35

## EAST Search History

S39	2	"09209659"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/27 16:02
S40	6	"6207903"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/27 16:02